

## CLAIMS:

1. A hazard detector comprising means for detecting a hazardous condition and for indicating an alarm upon such detection, and means for modifying the behaviour of the detector during a start-up or test-mode to facilitate commissioning or testing of the detector.
2. The detector of claim 1, wherein the hazardous condition is a hazardous smoke level.
3. The detector of claim 1, wherein the hazardous condition is a hazardous rate of rise in temperature.
4. The detector of claim 3, wherein the hazardous rate of rise in temperature is a rate of temperature rise that is equal to, or exceeds, approximately five degrees over a period of thirty seconds.
5. The detector of any of claims 1 to 4, comprising means for filtering-out transient detections of the hazardous condition during a normal state of operation, the modifying means comprising means for disabling the filtering means during the start-up or test mode.
6. The detector of any of claims 1 to 5, being for connection between positive and negative power lines, the detector having a positive terminal and a negative terminal

and being adapted, upon application of power to the power lines, to emit a local indicator signal if the positive and negative terminals of the detector have a correct polarity orientation to the positive and negative lines.

7. A hazard detector for connection between positive and negative power lines, the detector having a positive terminal and a negative terminal and being adapted, upon application of power to the power lines, to emit a local indicator signal if the positive and negative terminals of the detector have a correct polarity orientation to the positive and negative lines.

8. The detector of claim 6 or 7, comprising an electronic circuit serially-connected to a blocking diode, the blocking diode being connected to either the positive or negative terminal.

9. The detector of claim 6, 7 or 8, wherein the indicator signal is a light signal.

10. The detector of claim 9, wherein the indicator signal is a flashing light signal with repetitive on/off cycle.

11. The detector of claim 10, wherein the period of the on/off cycle is approximately one second.

12. The detector of claim 10 or 11, wherein the flashing light signal is produced by a light-emitting diode (LED) that forms part of the electronic circuit.

13. The detector of claim 12, wherein the LED is red-coloured.

14. The detector of any of claims 6 to 13, wherein the detector is in a test mode when it is emitting the local indicator signal.